Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OWA, Southwest				
A-Z080) MONTGOMERY				
,	08/01/13 20:55 CST		0	High Wind (MAX 58 kt)
	08/01/13 20:55 CST		0	
oved southeast through the evening a	nary front in northern Nebraska early in nd the strongest storms remained in No over southwest lowa causing at least or	ebraska. Howe	ver, in response t	
IONONA COUNTY 0.5 E ONAWA [42.0 NAWA [42.03, -96.10]	03, -96.09], 0.6 ENE ONAWA MUNI ARP	T [42.02, -96.09]	, 0.2 WNW ONAW	A MUNI ARPT [42.02, -96.10], 0.2 NW
142.03, -30.10]	08/11/13 19:30 CST		0	Flash Flood (due to Heavy Rain)
	08/11/13 20:00 CST		0	Source: Law Enforcement
eavy rain caused some minor flash flood	ling of a few streets in the Onawa area.			
hich caused isolated flash flooding in a	ms produced marginally severe size ha a few communities near the Missouri R		STANKA GIOTING STIC	, periods of ficary rain
IEBRASKA, East				
IE-Z011) KNOX, (NE-Z012) CEDAR, (NE	-Z016) ANTELOPE, (NE-Z017) PIERCE,	(NE-Z018) WAY	NE, (NE-Z030) BO	OONE
he cool temperatures of July spilled ov ppreciable rainfall in the first half of the	08/01/13 00:00 CST 08/31/13 23:59 CST rer into early August across most of ease month and this allowed for the top and	stern Nebraska d subsoil moist	0 0 and western lowa ure to remain fair	Drought n. There was ly stable, but still only 55
the cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adeq where browning was noted in many area ast 13 days of August were the 7th warn	08/01/13 00:00 CST 08/31/13 23:59 CST  ref into early August across most of ease month and this allowed for the top anduate and 36 percent of the subsoil. The as, especially in dryland farm fields when	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowa ure to remain fair re impacts were s ere seen in hay c	Drought  I. There was  Ily stable, but still only 55  Iseen in pastureland  utting. In addition the
he cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adeq rhere browning was noted in many area ast 13 days of August were the 7th warn ngoing drought.	08/01/13 00:00 CST 08/31/13 23:59 CST  wer into early August across most of east e month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whe mest on record for Norfolk and included	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowa ure to remain fair re impacts were s ere seen in hay c	Drought  I. There was  Ily stable, but still only 55  Iseen in pastureland  utting. In addition the
he cool temperatures of July spilled ov opreciable rainfall in the first half of the ercent of the topsoil was rated as adeq here browning was noted in many area st 13 days of August were the 7th warn ngoing drought.	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 0, -97.55]	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowa ure to remain fair re impacts were s ere seen in hay c	Drought  I. There was  Ily stable, but still only 55  Iseen in pastureland  utting. In addition the  It contributed to the
he cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adeq here browning was noted in many area ist 13 days of August were the 7th warn ngoing drought.	08/01/13 00:00 CST 08/31/13 23:59 CST  wer into early August across most of east e month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whe mest on record for Norfolk and included	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowa ure to remain fair re impacts were s ere seen in hay c ghs in the 90s tha	Drought  I. There was  Ily stable, but still only 55  Iseen in pastureland  utting. In addition the
he cool temperatures of July spilled ov opreciable rainfall in the first half of the ercent of the topsoil was rated as adeq here browning was noted in many area st 13 days of August were the 7th warn ngoing drought.	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 0, -97.55]  08/01/13 13:54 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowa ure to remain fair re impacts were s ere seen in hay c ghs in the 90s tha	Drought  I. There was ly stable, but still only 55 seen in pastureland utting. In addition the It contributed to the  Hail (0.88 in)
he cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequere browning was noted in many area ast 13 days of August were the 7th warn ngoing drought.	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowaure to remain fair re impacts were s ere seen in hay c ghs in the 90s tha	Drought  a. There was ly stable, but still only 55 seen in pastureland utting. In addition the it contributed to the  Hail (0.88 in) Source: Trained Spotter
he cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequere browning was noted in many area set 13 days of August were the 7th warn ngoing drought.  NOX COUNTY 1.2 SW WAUSA [42.49]	08/01/13 00:00 CST 08/31/13 23:59 CST  Were into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST  08/01/13 13:54 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowaure to remain fair re impacts were sere seen in hay constitution the 90s that	Drought  I. There was Ily stable, but still only 55 Interes in pastureland In addition the Interest contributed to the  Hail (0.88 in)  Source: Trained Spotter  Hail (0.75 in)
he cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequere browning was noted in many area ast 13 days of August were the 7th warn ngoing drought.	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w	0 0 and western lowaure to remain fair re impacts were s ere seen in hay c ghs in the 90s tha	Drought  a. There was ly stable, but still only 55 seen in pastureland utting. In addition the it contributed to the  Hail (0.88 in) Source: Trained Spotter
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he cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequivere browning was noted in many area ast 13 days of August were the 7th warn ngoing drought.  SNOX COUNTY 1.2 SW WAUSA [42.49]	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST  VATER [42.12, -98.27] 08/01/13 15:19 CST 08/01/13 15:19 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fairre impacts were sere seen in hay cighs in the 90s that	Drought  I. There was ly stable, but still only 55 seen in pastureland utting. In addition the It contributed to the  Hail (0.88 in) Source: Trained Spotter  Hail (0.75 in) Source: Trained Spotter
he cool temperatures of July spilled ov ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequivere browning was noted in many area ast 13 days of August were the 7th warm ngoing drought.  NOX COUNTY 1.2 SW WAUSA [42.49]  NTELOPE COUNTY 5.8 SW CLEARW	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and utate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 15:19 CST 08/01/13 15:19 CST 08/01/13 15:45 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fairre impacts were sere seen in hay cighs in the 90s that	Drought  I. There was ly stable, but still only 55 seen in pastureland utting. In addition the it contributed to the  Hail (0.88 in) Source: Trained Spotter  Hail (0.75 in) Source: Trained Spotter
the cool temperatures of July spilled over ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequirer browning was noted in many area as t 13 days of August were the 7th warrangoing drought.  NOX COUNTY 1.2 SW WAUSA [42.49]  NTELOPE COUNTY 5.8 SW CLEARW  NTELOPE COUNTY 1.5 SSW ELGIN	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST  VATER [42.12, -98.27] 08/01/13 15:19 CST 08/01/13 15:19 CST  08/01/13 15:45 CST 08/01/13 15:45 CST 08/01/13 15:45 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fairre impacts were sere seen in hay cighs in the 90s that	Drought  I. There was ly stable, but still only 55 seen in pastureland utting. In addition the it contributed to the  Hail (0.88 in) Source: Trained Spotter  Hail (0.75 in) Source: Trained Spotter
the cool temperatures of July spilled over ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequivere browning was noted in many area as 13 days of August were the 7th warm ngoing drought.  CNOX COUNTY 1.2 SW WAUSA [42.49]  ENTELOPE COUNTY 5.8 SW CLEARW  ENTELOPE COUNTY 1.5 SSW ELGIN  ENTELOPE COUNTY 1.5 SSW ELGIN	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of east of month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST  VATER [42.12, -98.27] 08/01/13 15:19 CST 08/01/13 15:45 CST 08/01/13 15:45 CST 08/01/13 15:45 CST ed west of Elgin. The damage path ran from 10, -97.24]	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fairre impacts were sere seen in hay cighs in the 90s that	Drought  I. There was By stable, but still only 55 Been in pastureland Butting. In addition the
The cool temperatures of July spilled over ppreciable rainfall in the first half of the percent of the topsoil was rated as adequivered browning was noted in many area ast 13 days of August were the 7th warmingoing drought.  KNOX COUNTY 1.2 SW WAUSA [42.49]  ANTELOPE COUNTY 5.8 SW CLEARWANTELOPE COUNTY 1.5 SSW ELGIN  Trees were shredded and pivots overturned.	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST  VATER [42.12, -98.27] 08/01/13 15:19 CST 08/01/13 15:19 CST  08/01/13 15:45 CST 08/01/13 15:45 CST 08/01/13 15:45 CST	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fair re impacts were sere seen in hay coghs in the 90s that	Drought  I. There was ly stable, but still only 55 iseen in pastureland utting. In addition the it contributed to the  Hail (0.88 in) Source: Trained Spotter  Hail (0.75 in) Source: Trained Spotter  18.24] Thunderstorm Wind (EG 65 kt) Source: Law Enforcement
The cool temperatures of July spilled over a percent of the topsoil was rated as adequivered browning was noted in many area ast 13 days of August were the 7th warrongoing drought.  KNOX COUNTY 1.2 SW WAUSA [42.49]  ANTELOPE COUNTY 5.8 SW CLEARW  ANTELOPE COUNTY 1.5 SSW ELGIN  Trees were shredded and pivots overturned country 0.5 W LEIGH [41.70]	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of ease month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST  VATER [42.12, -98.27] 08/01/13 15:19 CST 08/01/13 15:19 CST 08/01/13 15:45 CST 08/01/13 15:45 CST ed west of Elgin. The damage path ran from the company of the com	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fair re impacts were sere seen in hay coghs in the 90s that	Drought  I. There was By stable, but still only 55 Been in pastureland Butting. In addition the
The cool temperatures of July spilled over ppreciable rainfall in the first half of the ercent of the topsoil was rated as adequivere browning was noted in many area as 13 days of August were the 7th warmingoing drought.  INOX COUNTY 1.2 SW WAUSA [42.49]  INTELOPE COUNTY 5.8 SW CLEARW  INTELOPE COUNTY 1.5 SSW ELGIN  Trees were shredded and pivots overturned course were shredded and pivots overturned that course damage and also knocked power of the course of the	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of east of month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whenest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST 08/01/13 15:19 CST 08/01/13 15:19 CST 08/01/13 15:45 CST 08/01/13 15:45 CST 08/01/13 15:45 CST ed west of Elgin. The damage path ran from the company of the comp	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fair re impacts were sere seen in hay cighs in the 90s that 0 0 0 0 0 0 ss ARPT [41.95, -9 0 0 th.	Drought  I. There was By stable, but still only 55 Been in pastureland By stable, but still only 55 Been in pastureland By stable, but still only 55 Been in pastureland By stable, but still only 55 By stable, but stable, bu
The cool temperatures of July spilled over appreciable rainfall in the first half of the percent of the topsoil was rated as adequivered browning was noted in many area ast 13 days of August were the 7th warmongoing drought.  KNOX COUNTY 1.2 SW WAUSA [42.49]  ANTELOPE COUNTY 5.8 SW CLEARW  ANTELOPE COUNTY 1.5 SSW ELGIN  Trees were shredded and pivots overturned at a concuse damage and also knocked power of BOONE COUNTY 3.2 SSW ALBION MURICIPAL COUNTY 3.2 SSW ALBION MURICIPA	08/01/13 00:00 CST 08/31/13 23:59 CST  rer into early August across most of east of month and this allowed for the top and uate and 36 percent of the subsoil. The as, especially in dryland farm fields whe mest on record for Norfolk and included 09, -97.55]  08/01/13 13:54 CST 08/01/13 13:54 CST 08/01/13 15:19 CST 08/01/13 15:19 CST 08/01/13 15:45 CST 08/01/13 15:45 CST 08/01/13 15:45 CST ed west of Elgin. The damage path ran from the company of the com	stern Nebraska d subsoil moist e main agricultu ere low yields w d 9 days with hi	and western lowaure to remain fair re impacts were sere seen in hay coghs in the 90s that	Drought  I. There was By stable, but still only 55 Been in pastureland Butting. In addition the

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A storm chaser measured a thunderstorm wind	d gust of around 70 mph.	-		
BOONE COUNTY 0.5 E ST EDWARD [41.5	•			
	08/01/13 17:25 CST		0	Thunderstorm Wind (EG 52 kt)
	08/01/13 17:25 CST		0	Source: Trained Spotter
hunderstorm wind gusts were estimated at a	round 60 mph in the St. Edward	area.		
ODGE COUNTY NORTH BEND [41.47, -9	6.78]			
	08/01/13 17:35 CST		0	Thunderstorm Wind (EG 52 kt)
	08/01/13 17:35 CST		0	Source: Trained Spotter
spotter estimated that thunderstorm wind gu	ists approached 60 mph. Some	small branches we	re downed in town.	
ALINE COUNTY SWANTON [40.38, -97.08				
• /	08/01/13 19:55 CST		0	Thunderstorm Wind (EG 55 kt)
	08/01/13 19:55 CST		0	Source: Emergency Manager
hunderstorm wind gusts estimated at over 60 wn.	mph downed several large tree	s across streets in	Swanton which kno	ocked the power out to around 1/2 the
Thunderstorms developed near a stationary noved southeast through the evening and hetorms becoming super-cellular in nature. Teports were also received and at least one	nigh levels of wind shear combi The stronger storms produced (	ned with moderate	e instability preser	nt to aid in a few of the
ODGE COUNTY 1.1 NW FREMONT [41.4			0	H-ii (4 00 i-)
	08/06/13 06:00 CST		0	Hail (1.00 in)
	08/06/13 06:02 CST		U	Source: NWS Employee
Hail up to the size of quarters fell in northwest	Fremont. Most of the hail was p	ea size and was ve	ery brief.	
VASHINGTON COUNTY 1.7 ESE BLAIR [4	11.54, -96.12] 08/06/13 06:15 CST		0	Thundaratorm Wind (EC 61 kt)
	08/06/13 06:20 CST		0	Thunderstorm Wind (EG 61 kt) Source: Law Enforcement
	00/00/13 00.20 031		O	Source. Law Emorcement
he roof of a building was blown off near the C	Cargil plant east of Blair. In additi	on, several trees w	ere reported down	throughout the city of Blair.
OODGE COUNTY 1.5 E FREMONT [41.45,	-96.47], 2.5 SE FREMONT [41.4	3, -96.46], 1.1 SSE	FREMONT ARPT [	41.44, -96.52], 0.9 NNE FREMONT
ARPT [41.46, -96.52]	08/06/13 07:01 CST		0	Flash Flood (due to Heavy Rain)
	08/06/13 08:01 CST		0	Source: Law Enforcement
	00/00/10 00:01 001		O .	Course. Law Emoreciment
Rainfall from heavy thunderstorms created are our followed by a second storm less than an vere under water.	<del>-</del>	-		
Thunderstorms formed during the early mor continued to move southeast into east centrivers sufficient to produce isolated hail and	ral Nebraska around sunrise. St	teep mid level laps		
MADISON COUNTY 1.7 NE ENOLA [41.92,	<del>-</del>			
	08/06/13 17:45 CST		0	Hail (1.50 in)
	08/06/13 17:48 CST		0	Source: Public
TANTON COUNTY 0 0 COM CTANTON 14	4 92 07 201			
STANTON COUNTY 8.8 SSW STANTON [4	.1.83, -97.29] 08/06/13 18:17 CST		0	Hail (0.88 in)
				Hail (0.88 in)
	08/06/13 18:19 CST		0	Source: Trained Spotter
COLFAX COUNTY HOWELLS [41.72, -97.0	001			
	08/06/13 18:37 CST		0	Hail (1.00 in)
	08/06/13 18:39 CST		0	Source: Public
	11.15.10.10.00		-	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details			
isolated severe thunderstorms dropped hail across portions of northeast Nebraska. The storms developed near a cold front which moved into a moderately unstable environment. Upper level wind shear was strong enough to sustain a few updrafts to produce severe size hail.							
NOX COUNTY 0.5 W VERDIGRE [42.60, -	98.04]						
	08/10/13 14:30 CST		0	Hail (0.88 in)			
	08/10/13 14:30 CST		0	Source: Law Enforcement			
NOX COUNTY 1.4 N CREIGHTON [42.49,	-97.88]						
	08/10/13 16:00 CST		0	Hail (1.00 in)			
	08/10/13 16:00 CST		0	Source: Public			
NOX COUNTY 0.5 W WAUSA [42.50, -97.6	54]						
	08/10/13 17:55 CST		0	Hail (0.88 in)			
	08/10/13 17:55 CST		0	Source: Trained Spotter			
EDAR COUNTY 8.0 NNE MAGNET [42.56	6, -97.43]						
	08/10/13 18:25 CST		0	Hail (0.75 in)			
	08/10/13 18:25 CST		0	Source: Law Enforcement			
solated thunderstorms developed along a n l0th. The storms produced a few reports of I		ast Nebraska in th	ne afternoon and e	vening hours of August			
OLFAX COUNTY 3.8 SE LEIGH [41.66, -9	=		0	Heil (4.00 in)			
	08/11/13 17:40 CST		0	Hail (1.00 in)			
	08/11/13 17:40 CST		0	Source: Public			
IADISON COUNTY 0.5 E MADISON [41.83	3, -97.46]						
	08/11/13 18:39 CST		0	Hail (1.00 in)			
	08/11/13 18:39 CST		0	Source: Law Enforcement			
BURT COUNTY 2.5 NW LYONS [41.95, -96.	.52]						
	08/11/13 19:42 CST		0	Hail (0.75 in)			
	08/11/13 19:42 CST		0	Source: Trained Spotter			
BURT COUNTY 0.9 NE LYONS [41.94, -96.4	47], 0.8 N LYONS [41.94, -96.48]	], 0.3 N LYONS [41	.93, -96.48], 0.6 EN	IE LYONS [41.93, -96.47]			
	08/11/13 20:50 CST		0	Flash Flood (due to Heavy Rain)			
	08/11/13 21:20 CST		0	Source: Trained Spotter			
Rainfall of 2 to 4 inches fell in a short time perineasured 3.83 inches of rain from this storm.	iod in the Lyons area which caus	sed some minor fla	sh flooding of stree	ets in town . The coop observer in town			
Scattered thunderstorms developed along and instability present, a few of the storms p		-					
(NOX COUNTY 5.0 SW WINNETOON [42.4	47, -98.02], 7.9 ENE VENUS [42.	47, -98.15], 6.6 WS	SW VERDIGRE [42.	.55, -98.14], 2.2 S VERDIGRE [42.57,			
98.03]	00/04/40 00 00 007		•	Floods Flood (due to House B. 1.)			
	08/21/13 22:00 CST		0	Flash Flood (due to Heavy Rain)			
	08/22/13 00:00 CST		0	Source: Public			
-	•		-				
The public reported flash flooding in rural Know looding of farm fields. Rainfall amounts greate PIERCE COUNTY 0.7 S PLAINVIEW MUNI	er than 4 inches were reported in	this part of Knox (	County that led to the	ne flooding.			
ooding of farm fields. Rainfall amounts greate	er than 4 inches were reported in ARPT [42.36, -97.80], 1.0 WSW	this part of Knox (	County that led to the 5, -97.80], 0.5 SSW	ne flooding. PLAINVIEW [42.34, -97.78], 0.7 NNE			
looding of farm fields. Rainfall amounts greate	er than 4 inches were reported in	this part of Knox (	County that led to the	ne flooding.			

across northern Pierce County.

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Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

A weak cold front from the upper Mississippi River Valley into the central High Plains provided for a focus for late afternoon thunderstorm development in a very unstable airmass. Thunderstorms initially developed from extreme southeast South Dakota into north central Nebraska. These slow moving thunderstorms then moved and developed southeast into northeast Nebraska during the evening on the 21st, lasting into the early morning hours of the 22nd before dissipating. The slow movement of the thunderstorms led to significant rainfall and localized flash flooding.

(NE-Z034) BURT, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z089) GAGE, (NE-Z090) JOHNSON, (NE-Z091) NEMAHA, (NE-Z092) PAWNEE, (NE-Z093) RICHARDSON

08/30/13 12:00 CST 0 Heat

08/30/13 17:00 CST 0

A stagnant upper level high pressure system brought an extended period of very hot temperatures to eastern Nebraska the last week of August. Heat index values peaked in the 104 to 109 degree range on August 30th as temperatures approached 100 degrees to go along with dew point temperatures in the upper 60s to mid 70s. Even though other days during the last week of August had highs well into the 90s, dew point readings were lower which generally kept heat index values at or below 100 degrees. Lows during this stretch were mostly in the upper 60s to mid 70s, and a few warmest minimum temperatures were tied or broken to go along with a few record highs tied or broken.

THURSTON COUNTY --- THURSTON [42.18, -96.70]

08/31/13 23:53 CST 0 Thunderstorm Wind (EG 55 kt) 08/31/13 23:53 CST 0 Source: Fire Department/Rescue

Thunderstorm wind gusts estimated at over 60 mph downed trees in town and also caused some roof damage.

Thunderstorms developed along and behind a cold front in northeast Nebraska late in the evening of August 31. The front was driven southeast by a relatively strong upper level trough dropping out of Canada toward the Great Lakes region. Other thunderstorms developed in the early morning hours of Sept 1 east of Beatrice. High amounts of instability present allowed a few of the storms to produce isolated wind damage in southeast Nebraska and also from a line that tracked southeast along the Missouri River from northeast Nebraska.

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